

STRASBURG LANDFILL OU2
ADMINISTRATIVE RECORD FILE * **
INDEX OF DOCUMENTS

III. REMEDIAL RESPONSE PLANNING

1. Commonwealth of Pennsylvania Department of Environmental Resources (PADER) Special Analyses Report for sample numbers 2155074-2155085, 8/14/89. P. 300001-300012.
2. PADER Special Analyses Report for sample numbers 2147001-2147013, 11/15/89. P. 300013-300025.
3. Memorandum to Mr. Nick Dinardo, U.S. EPA, from Mr. Daniel K. Donnelly, U.S. EPA, re: Transmittal of analytical reports for Strasburg, 6/8/90. P. 300026-300121. The following are attached:
 - a) a memorandum regarding gas chromatography/mass spectrometry (GC/MS) results for sample numbers 900418-03 to -13, 900419-01 to -05, 900420-01 to -05, and 900423-02 to -03, dated May 24, 1990;
 - b) a sample description of sample numbers 900418-03 to -13, 900419-01 to -05, 900420-01 to -05, and 900423-02 to -03;
 - c) quality control information;
 - d) Extractable Organics Analysis Target Compound Data Sheets for sample numbers 900418-03 to -13, 900419-01 to -05, 900420-01 to -05, and 900423-02 to -03;
 - e) two Matrix Spike Recovery tables;
 - f) Surrogate AQC results for sample numbers 900418-03 to -13, 900419-01 to -05, 900420-01 to -05, and 900423-02 to -03;
 - g) Water: Combined Acid & Base Neutral Extract

* Administrative Record File available 4/19/90, updated 6/18/91, and 8/7/91.

** Further documentation pertaining to Strasburg Landfill OU2 can be found in the Administrative Record File for Strasburg Landfill OU1.

results table for sample numbers 900418-03 to -13, 900419-01 to -05, 900420-01 to -05, and 900423-02 to -03;

- h) a memorandum regarding mercury determinations results for sample numbers 900418-03 to -12, -14 to -23, 900419-01 to -10, and 900420-01 to -10, dated May 15, 1990;
 - i) a memorandum regarding metals determinations results for sample numbers 900420-01 to -10, dated May 30, 1990;
 - j) a memorandum regarding metals determinations results for sample numbers 900418-03 to -12, -14 to -23, and 900419-01 to -10, dated May 31, 1991;
 - k) a memorandum regarding cyanide determinations for sample numbers 900418-03 to -12, 900419-01 to -05, and 900420-01 to -05, dated May 16, 1990;
 - l) a memorandum regarding pesticide/ polychlorinated biphenyls (PCB) aqueous determinations results for sample numbers 900418-03 to -13, 900419-01 to -05, 900420-01 to -05, and 900423-01 to -03, dated June 5, 1990;
 - m) Appendix A, Support Documentation;
 - n) 11 Chain of Custody Records.
4. Handwritten letter to Nick from Bob K., re: Transmittal of the analytical results from residential and monitoring well sampling for volatile organics, 6/19/90. P. 300122-300183. Volatile Organics Analysis Data Sheets for sample numbers 5322C-T1-04, -03, -05, -05D, -06, -07, -25, -27, -27D, -28, -28D, -29, -30, -32, -33, -34, -36, -37, -38, -41, -42, and -42D are attached.
5. Letter to Mr. Nick Dinardo, U.S. EPA, from Mr. Hadley Bedbury, Maxus Energy Corporation, re: Comments on the September 8, 1989 Administrative Order, 7/31/90. P. 300184-300313. Table I, Zarzycki Well Comparisons; Attachment I, Response to EPA November 8, 1989 letter; and Attachment II, PADER Analysis at POTW Facilities,

are attached.

6. PADER Special Analyses Report for sample numbers 2147001-2147008, 8/2/90. P. 300314-300322.
- * 7. Memorandum to file from Mr. Jim Harper, U.S. EPA, re: Follow-up to the site visit on August 21, 1990 to review the homewell sampling plan, 8/22/90. P. 300323-300324.
8. Letter to Mr. Jim Harper, U.S. EPA, from Mr. Paul W. Herring, Maxus Energy Corporation, re: Summary of discussions between Clean Harbors, Maxus Energy Corporation, and U.S. EPA, 11/21/90. P. 300325-300332. An attachment entitled, Information Concerning Diamond Shamrock's Role at the Strasburg Landfill and an envelope are attached.
9. Letter to Mr. Jim Harper, U.S. EPA, from Mr. Hadley Bedbury, Maxus Energy Corporation, re: Suggestions and questions related to feasibility and interim remediation work, 12/10/90. P. 300333-300336.
10. Memorandum to Mr. Jim Harper, U.S. EPA, from Mr. Joseph L. Slayton, U.S. EPA, re: Transmittal of the VOA report, 1/11/91. P. 300337-300360. The following are attached:
 - a) the Volatile Organic Compounds (VOC) Analysis report for sample numbers 901127-01 to -03, 901128-01 to -07, 901129-12 to -15, 901130-09 to -13, and 901201-01 to -04;
 - b) eight pages of sampling results;
 - c) an Analysis of Quality Assurance sample number WP1278;
 - d) notes on the Volatile Organic Compounds analysis;
 - e) five Chain of Custody Records.
11. Memorandum to Mr. Jim Harper, U.S. EPA, from Ms. Janet Roberson, U.S. EPA, re: Transmittal of a page omitted from the data report, 1/15/91. P. 300361-300362. The
- * Information redacted from this letter has been considered enforcement confidential and privileged by the U.S. EPA.

page is attached.

- * 12. Memorandum to Ms. Mindi Snaparski [sic], Mr. Reggie Harris, and Mr. Bob Davis, U.S. EPA, re: Follow-up to a meeting regarding the ongoing Remedial Investigation/Feasibility Study (RI/FS) effort, 2/15/91. P. 300363-300363.
- 13. Letter to Mr. Jim Harper, U.S. EPA, from Mr. Hadley Bedbury, Maxus Energy Corporation, re: Transmittal of an article concerning the formation of vinyl chloride under methanogenic conditions, 3/21/91. P. 300364-300391. A list of article previously sent to EPA concerning vinyl chloride gas formation, an article entitled, Methanogenic Hydrocarbons in Ground Water, and an article entitled Consider Bioremediation for Waste Site Cleanup, are attached.
- 14. Letter to Mr. Jim Harper, U.S. EPA, from Mr. Hadley Bedbury, Maxus Energy Corporation, re: Engineering concerns which Maxus Energy Corporation feels should be addressed in development of the RI/FS, 3/25/91. P. 300392-300395. An attachment entitled, OCC Site Understandings, are attached.
- 15. Letter to Mr. James Harper, U.S. EPA, from Mr. Bruce A. McClain, PADER, re: List of state Applicable, Relevant, and Appropriate Requirements (ARAR) for the site, 3/18/91. P. 300396-300406. the following are attached:
 - a) Bureau of Water Quality Management ARARs;
 - b) a memorandum regarding ground water remediation, dated December 20, 1990;
 - c) a letter regarding ARARs for ground water, dated June 15, 1990;
 - d) a letter regarding ARARs for soil, dated July 2, 1990.
- 16. Attendee list for the Health Assessment site visit, 3/26/91. P. 300407-300407.
- 17. Report: Draft Remedial Investigation, Strasburg Landfill Site, Alternative Remedial Contracting

Strategy, (ARCS) Region III, Volume I, prepared by Ecology and Environment, Inc., 4/91. P. 300408-300934.

18. Report: Draft Remedial Investigation, Strasburg Landfill Site, Alternative Remedial Contracting Strategy, (ARCS) Region III, Volume II, Appendices and Oversized Drawings, prepared by Ecology and Environment, Inc., 4/91. P. 300935-301231.
19. Memorandum to Mr. Jim Harper, U.S. EPA, from Mr. Peter M. Stokely, U.S. EPA, re: Review comments on the Ecological Assessment, 4/2/91. P. 301232-301232.
20. Letter to Mr. Jim Harper, U.S. EPA, from Mr. Bruce A. McClain, PADER, re: Additional general ARARs for the site, 4/10/91. P. 301233-301308. A copy of the Pennsylvania Bulletin, Part III, and the ARARs are attached.
21. Report: Draft Strasburg Landfill Site Focused Feasibility Study on Control of Site Access, prepared by Ecology and Environment, Inc., 4/91. P. 301309-301358A.
22. Report: Superfund Program Proposed Plan, Strasburg Landfill, Newlin Township, PA, prepared by U.S. EPA, 4/91. P. 301359-301367.
23. Letter to Mr. Joseph Donovan, U.S. EPA, from Mr. Donald A. Brown, PADER, re: Agreement concerning ARARs for ground water, 6/15/90. P. 301368-301372. A list of Bureau of Water Quality Management ARARs are attached.
24. Letter to Mr. Joseph C. Donovan, U.S. EPA, from Mr. Donald A. Brown, PADER, re: Clarification of June 15, 1990, letter concerning Pennsylvania ARARs for soils, 7/2/90. P. 301373-301373.
25. Memorandum to all EP Directors from Mr. Arthur A Davis, PADER, re: Ground water quality remediation, 12/20/90. P. 301374-301375.
26. Letter to Mr. James Harper, U.S. EPA, from Mr. Robert Rowalczyk, Ecology and Environment, Inc., re: ARARs being considered for remedial actions, 3/14/91. P. 301376-301379. Table 1, Applicable or Relevant and Appropriate Requirements for the Strasburg Landfill

Site, is attached.

27. Letter to Mr. James Harper, U.S. EPA, from Mr. Bruce A. McClain, PADER, re: Preliminary list of state ARARs, 3/18/91. P. 301380-301382.
28. Letter to Mr. James Harper, U.S. EPA, from Mr. Bruce A. McClain, PADER, re: ARARs for fence construction at the site, 4/29/91. P. 301383-301383.
29. Letter to Mr. Jim Harper, U.S. EPA, from Mr. Bruce A. McClain, re: Comments on the Proposed Plan, 4/30/91. P. 301384-301386.
30. Letter to Mr. James P. Harper, U.S. EPA, from Mr. Bruce L. Thall, Abramson, Cogan, Freedman, and Thall, re: Comments on the Proposed Plan, 5/8/91. P. 301387-301388.
31. Letter to Mr. James P. Harper, U.S. EPA, from Mr. Hadley Bedbury, Maxus Energy Corporation, re: Comments on the Proposed Plan, 5/17/91. P. 301389-301402. Attachment A, Comments on Draft RI, and a Bibliography on the Formation of Vinyl Chloride are attached.
32. Memorandum to Mr. Nick Dinardo, U.S. EPA, from Mr. W. Wade Talbot, U.S. EPA, re: Transmittal of thermal analysis, 4/18/91. P. 301403-301406. A memorandum regarding results of thermal analysis, dated April 17, 1990, Strasburg Landfill Thermal Analysis Seep and Spring Detection information, and a site map are attached.
33. Letter to Mr. Jim Harper, U.S. EPA, from Mr. Bruce A. McClain, PADER, re: Review of the draft Record of Decision (ROD), 6/18/91. P. 301407-301410.
34. Letter to Mr. Edwin B. Erickson, U.S. EPA, from Mr. Leon T. Gonshor, PADER, re: Concurrence with the Record of Decision by PADER, 6/28/91. P. 301411-301412.
35. Declaration for the Record of Decision, Strasburg Landfill, Newlin Township, Chester County, Pennsylvania, Operable Unit 2, 6/28/91. P. 301413-301414.
36. Responsiveness Summary for Strasburg Landfill, (undated.) P. 301415-301422.

37. Record of Decision, Strasburg Landfill, 6/28/91.
P. 301423-301471. A transmittal memorandum is
attached.

V. COMMUNITY INVOLVEMENT/CONGRESSIONAL CORRESPONDENCE/ IMAGERY

1. Figure 4-1, Groundwater Gradient Shallow Monitoring Wells, prepared by Ecology and Environment, 5/21-5/22/90. P. 500001-500001.
2. Figure 4-2, Groundwater Gradient Bedrock Monitoring and Residential Wells, prepared by Ecology and Environment, 5/21-5/22/90. P. 500002-500002.
3. Figure 1-1, Draft Location Map, prepared by Ecology and Environment, (undated). P. 500003-500003.
4. Figure 1-2, Draft Strasburg Landfill Site Base Map, prepared by Ecology and Environment, (undated). P. 500004-500004.
5. Figure 1-3, Draft Strasburg Landfill Profill Showing Groundwater Leachate Monitoring System, prepared by Ecology and Environment, (undated). P. 500005-500005.
6. Transcript of the Public Meeting, Strasburg Landfill Superfund Site, 4/30/91. P. 500006-500085.
7. Seep/Spring Detection Photograph, Strasburg Landfill, P. 500086-500086.